

Message

From: Kay, Robert [rtkay@usgs.gov]
Sent: 4/16/2019 3:58:39 PM
To: Nordine, John [nordine.john@epa.gov]
Subject: Techalloy March 2019 Monthly Progress Report

John--here is my review of the March 2019 Monthly Progress Report for the Techalloy/Central Wire facility in Union, Illinois. I only have one comment.

Once Autumwood gets a transmissivity and storage coefficient value from the recently conducted aquifer test I suggest they calculate drawdown associated with the proposed pumping well at the [Ex. 6 Personal Privacy (PP)] at the closest point of contact with the Kishwaukee and at the existing irrigation well. If possible the water level in the existing irrigation well should be measured after it has been pumping for at least 24 hours. These data can be used to evaluate the effects of various pumping scenarios on the [Ex. 6 Personal Privacy (PP)] well and on flow from the river to the groundwater system, which may affect the capture of the new well.

--

Robert T. Kay
U.S. Geological Survey
Central Midwest Science Center
650G Peace Road
DeKalb, IL 60115
815-752-2041
rtkay@usgs.gov